

INFORMATION DISCLOSURE CITATION

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Docket: 461987-024

Appln. No.: 10/804,841

Applicant: Lawrence E. Gebhart et al.

Filed: 03/19/2004

Group: 1742

U.S. PATENT DOCUMENTS

Examiner	Document No.	Date	Name	Class	Sub	
Wt	2002/0033341	03/2002	Taylor et al.			
	2002/0038764	04/2002	Taylor et al.			
	2003/0075450	04/2003	Taylor et al.			
	2004/0004006	01/2004	Taylor et al.			
	2004/0011666	01/2004	Taylor et al.			
	5,599,437	02/1997	Taylor et al.			
	5,804,057	09/1998	Zhou et al.			
	5,865,971	02/1999	Sunkara			
	6,080,504	06/2000	Taylor et al.			
	6,203,684	03/2001	Taylor et al.			
	6,210,555	04/2001	Taylor et al.			
	6,221,235	04/2001	Gebhart			
	6,303,014	10/2001	Taylor et al.			
	6,309,528	10/2001	Taylor et al.			
	6,319,384	11/2001	Taylor et al.			
	6,402,931	06/2002	Zhou et al.			
	6,524,461	02/2003	Taylor et al.			
	6,551,485	04/2003	Taylor			
	6,558,231	05/2003	Taylor			
Wt	6,652,727	11/2003	Taylor et al.			
Examiner: William Leader		Date Considered: 3/2007				

* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

Examiner	Document No.	Date	Name	Class	Sub
WL	6,676,825	01/2004	Gebhart		
WL	6,750,144	06/2004	Taylor		

FOREIGN PATENT DOCUMENT

PERSONNEL RECORD								
Examiner		Document No.	Date	Country	Class	Sub	Y	N

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

WL	Schlesinger, M. et al., <u>Modern Electroplating, Fourth Edition</u> , John Wiley & Sons, Inc. (2000)
WL	Paunovic, M. et al., <u>Fundamentals of Electrochemical Deposition</u> , John Wiley & Sons, Inc. (1998)
WL	Ward, M. et al., "The effects of pulsed current in conjunction with eductor agitation for acid copper electroplating: A study for improved quality in PCB manufacture," <i>European PCB Convention</i> , Munich, Germany (1999)
WL	Weber, A., "The Importance of Plating Cell Design and Hydrodynamics for Repeatable Product Quality in Latest Generation Vertical Platers for the Galvanic Industry," <i>IPC Printed Circuits Expo</i> , Long Beach, California (2003)
WL	Chin, D-T et al., "Mass Transfer to an Impinging Jet Electrode," <i>J. Electrochem. Soc.</i> , 125, 9, pp. 1461-1470 (09/1978)
WL	Hsueh, K-L. et al., "Mass Transfer to a Cylindrical Surface from an Unsubmerged Impinging Jet," <i>J. Electrochem. Soc.</i> , Vol. 133, No. 1, pp. 75-81 (01/1986)
Examiner: William Leader	
Date Considered: 3/2007	

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

WL	Hsueh, K-L. et al., "Mass Transfer of a Submerged Jet Impinging on a Cylindrical Surface," <u>J. Electrochem. Soc.</u> , Vol. 133, No. 9, pp. 1845-1850 (09/1986)
WL	Ward, M. et al., "Novel Agitation for PCB Production: Use of Eductor Technology," <u>Trans. IME</u> , 76(4), pp. 121-126 (1998)
WL	Ward, M. et al., "Exploitation of eductor agitation in copper electroplating," <u>Proc. SURFIN 1999</u> , Cincinnati, Ohio, (06/1999)
WL	Chin, D-T. et al., "Mass Transfer from an Oblique Impinging Slot Jet, <u>J. Electrochem. Soc.</u> , Vol. 138, No. 9, pp. 2643-2650 (09/1991)
WL	Carano, M., "Hole Preparation & Metallization of High Aspect Ratio, High Reliability Back Panels, Part 2," <u>Circuitree</u> , pp. 10-22 (02/2003)
Examiner: William Leader	
Date Considered: 3/2007	

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		Filed: March 19, 2004	Group: 1742

U.S. PATENT DOCUMENTS

Examiner	Document No.	Date	Name	Class	Sub	
WL	6,048,584	4/11/2000	Josefowicz			

FOREIGN PATENT DOCUMENT

							Trans	
Examiner	Document No.	Date	Country	Class	Sub		Y	N

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner: William Leader	Date Considered: 3/2007	

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